MATERIAL SAFETY DATA SHEET

MANUFACTURERS' NAME: ADVANCED COATINGS & CHEMICALS

DATE OF PREPARATION:

4-24-86

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SECTION I—PRODUCT IDENTIFICATION PRODUCT FORMULA: 3-1H-3PRODUCT NAME: URETHANE HARDENER ALIPHATIC POLYISOCYANATE PRODUCT CHEMICAL FAMILY: SECTION II—HAZARDOUS INGREDIENTS EXPOSURE LIMITS IN AIR IARC, NTP OSHA HAZARD **INGREDIENTS** NUMBER **OSHA ACGIH EVALUATION** PFI TLV NON-CARCINOGENIC 1330-20-7 100ppm 100ppm XYLENE NARCOTIC NON-CARCINOGENIC NARCOTIC 150ppm 150ppm n-BUTYL ACETATE 123-86-4 SUGGESTED SENSORY AND PULMONARY HEXAMETHYLENE DIISOCYANATE 822-06-0 0.02 ppm IRRITANT, NON-CARCINOGENIC SECTION III—PHYSICAL DATA 258.8°F 1.06 SPECIFIC GRAVITY: _____ BOILING POINT: ____ VAPOR DENSITY (AIR = 1): HEAVIER % VOLATILE BY VOLUME: _____30% SOLUBILITY IN WATER: NEGLIGIBLE FASTER **EVAPORATION RATE:** (BUTYL ACETATE = 1) VAPOR PRESSURE: @20°C ___ ___ mm.Hg. SECTION IV—FIRE AND EXPLOSIVE HAZARD DATA 91 1.0 7.6 F. TCC LEL:_ % by Volume UEL: FLASH POINT:

EXTINGUISHING MEDIA: Foam, Dry Chemical, CO² and/or Water Fog UNUSUAL FIRE AND EXPLOSION HAZARDS:

During a fire, irritating and toxic gases and smoke are present from decomposition. Isolate from heat, sparks and open flames. Closed containers may burst when exposed to extreme heat. Vapors form an explosive mixture in air between the upper and lower explosive limits.